

Appendix B: Test Results of 2.4GHz SDR

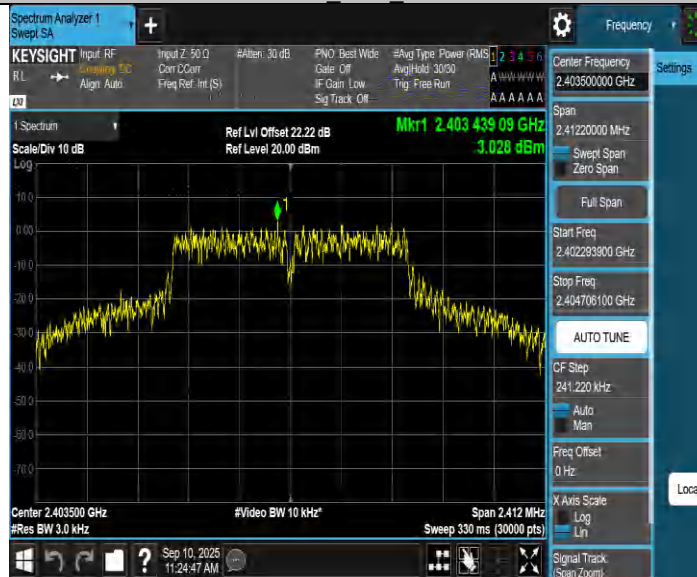
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Appendix B.1: Test Results of Conducted Power Spectral Density

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
OTHER	Ant1	2403.5	3.03	≤8.00	PASS
	Ant2	2403.5	2.84	≤8.00	PASS
	Sum	2403.5	5.95	≤8.00	PASS
	Ant1	2437.5	2.86	≤8.00	PASS
	Ant2	2437.5	2.37	≤8.00	PASS
	Sum	2437.5	5.63	≤8.00	PASS
	Ant1	2467.5	2.55	≤8.00	PASS
	Ant2	2467.5	1.59	≤8.00	PASS
	Sum	2467.5	5.11	≤8.00	PASS

OTHER Ant1 2403.5



OTHER Ant2 2403.5



OTHER Ant1 2437.5



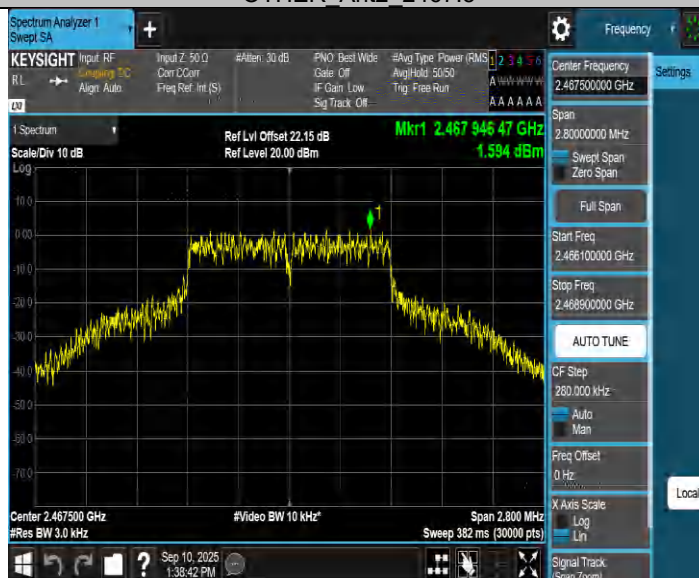
OTHER Ant2 2437.5



OTHER Ant1 2467.5



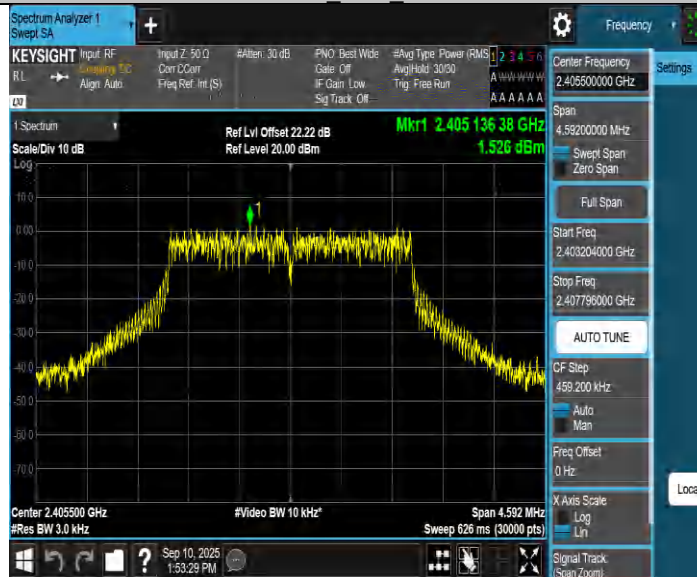
OTHER Ant2 2467.5



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
OTHER	Ant1	2405.5	1.53	≤8.00	PASS
	Ant2	2405.5	2.13	≤8.00	PASS
	Sum	2405.5	4.85	≤8.00	PASS
	Ant1	2435.5	2.18	≤8.00	PASS
	Ant2	2435.5	2.31	≤8.00	PASS
	Sum	2435.5	5.26	≤8.00	PASS
	Ant1	2465.5	1.68	≤8.00	PASS
	Ant2	2465.5	2.30	≤8.00	PASS
	Sum	2465.5	5.01	≤8.00	PASS

OTHER Ant1 2405.5



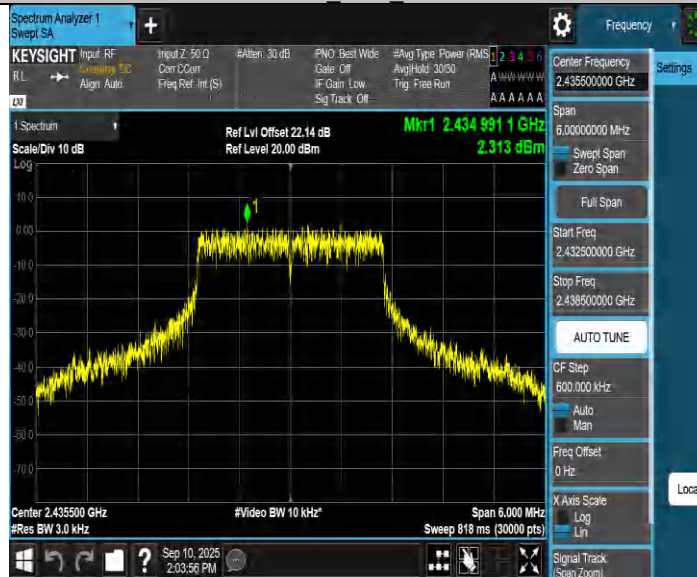
OTHER Ant2 2405.5



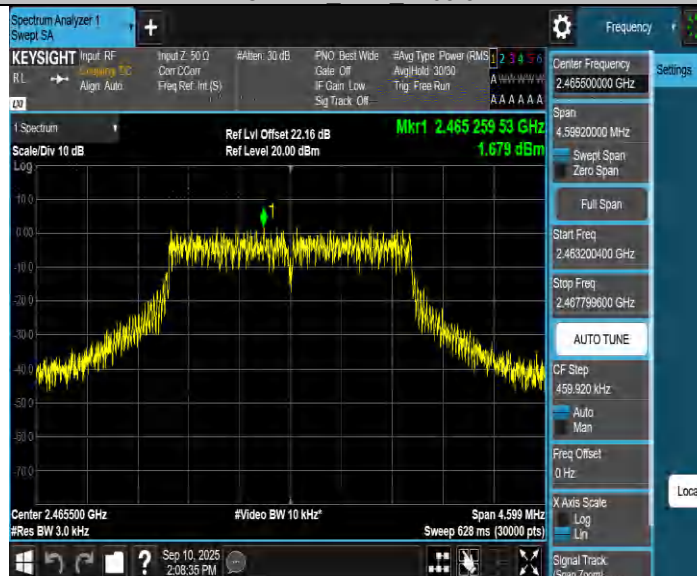
OTHER Ant1 2435.5



OTHER Ant2 2435.5



OTHER Ant1 2465.5



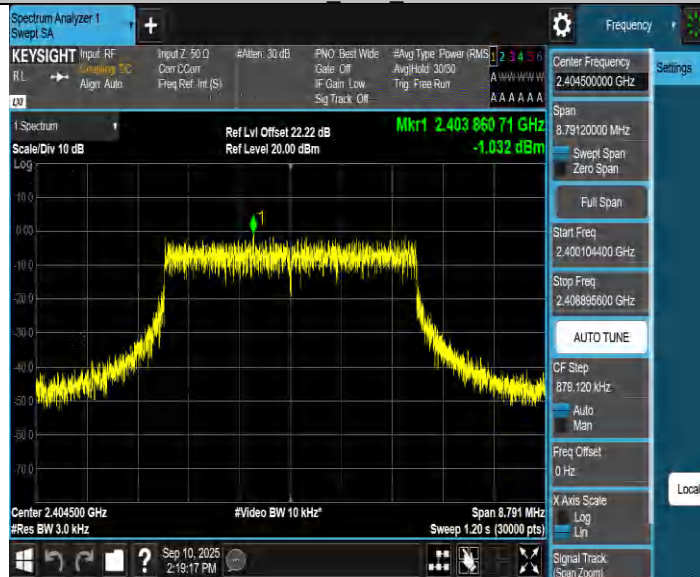
OTHER Ant2 2465.5



2.4GHz SDR, 5MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
OTHER	Ant1	2404.5	-1.03	≤8.00	PASS
	Ant2	2404.5	-0.48	≤8.00	PASS
	Sum	2404.5	2.26	≤8.00	PASS
	Ant1	2434.5	-0.92	≤8.00	PASS
	Ant2	2434.5	-0.79	≤8.00	PASS
	Sum	2434.5	2.16	≤8.00	PASS
	Ant1	2469.5	-1.04	≤8.00	PASS
	Ant2	2469.5	-0.02	≤8.00	PASS
	Sum	2469.5	2.51	≤8.00	PASS

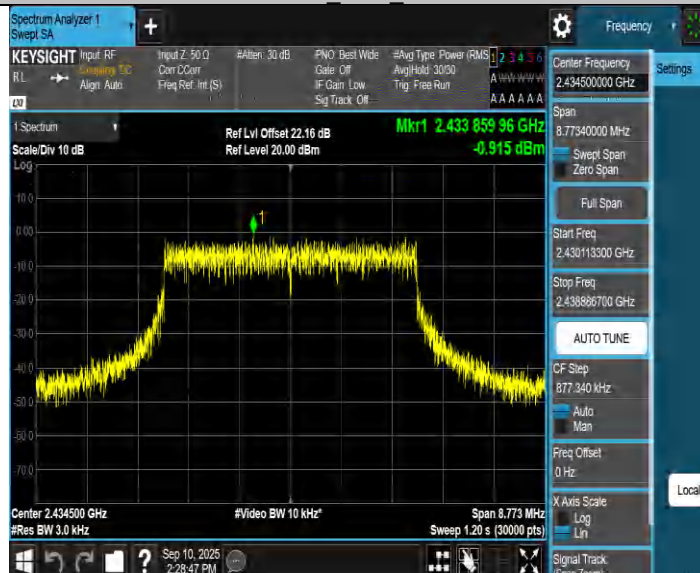
OTHER Ant1 2404.5



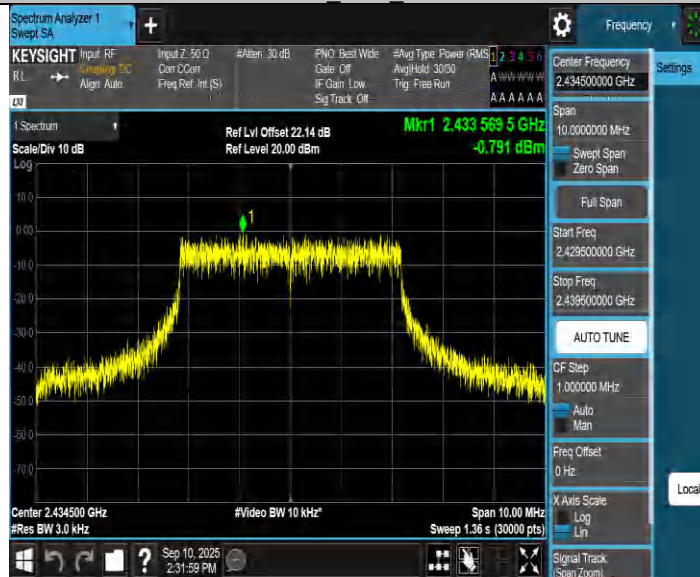
OTHER Ant2 2404.5



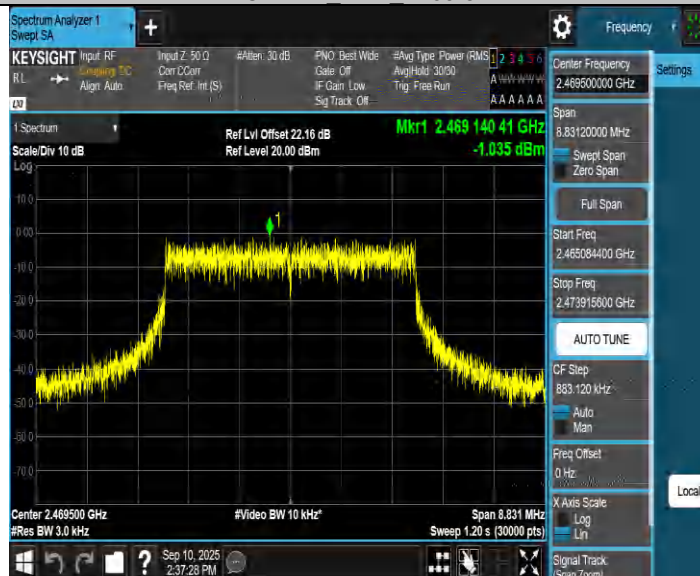
OTHER Ant1 2434.5



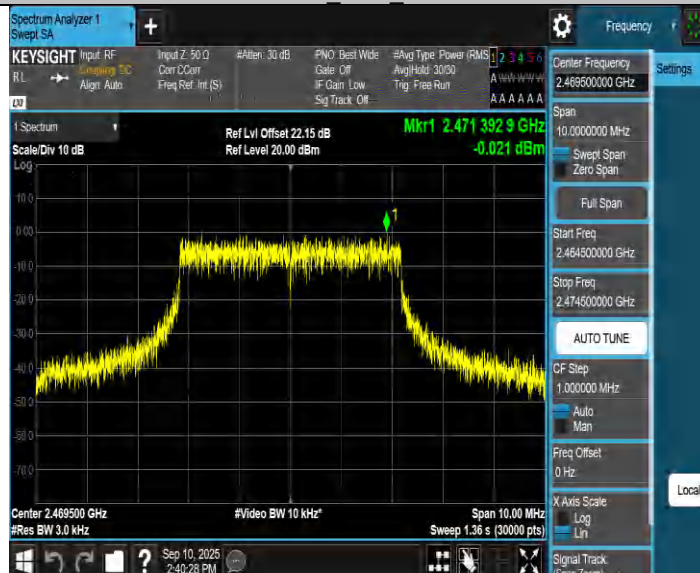
OTHER Ant2 2434.5



OTHER Ant1 2469.5



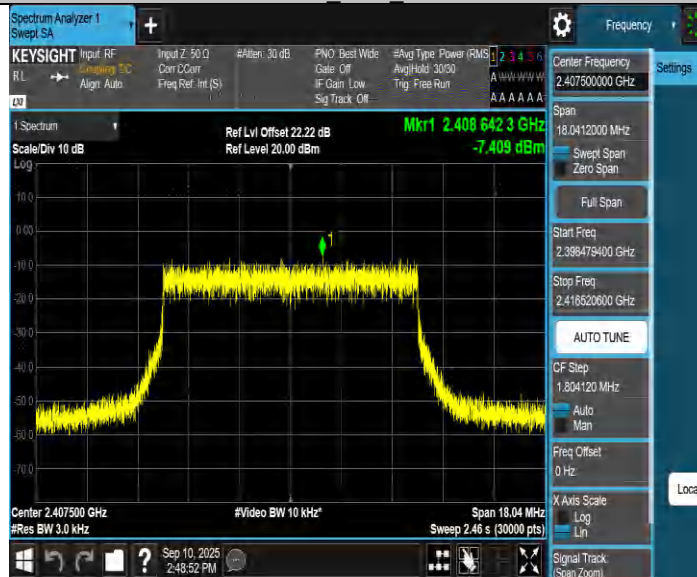
OTHER Ant2 2469.5



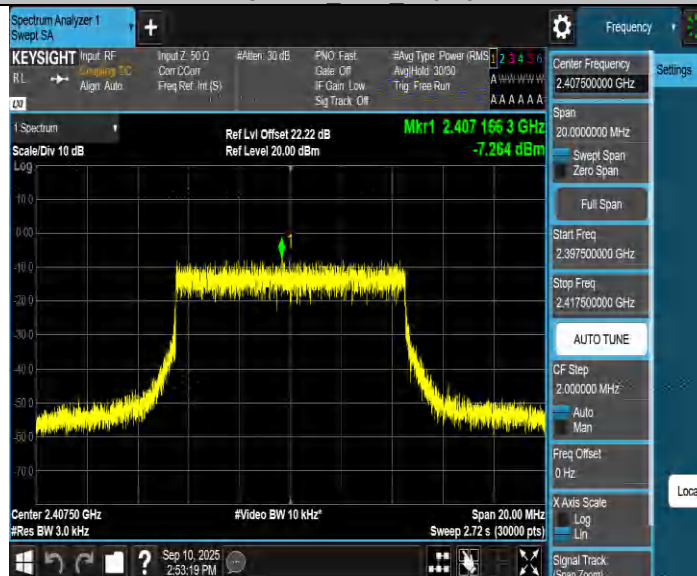
2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
OTHER	Ant1	2407.5	-7.41	≤8.00	PASS
	Ant2	2407.5	-7.26	≤8.00	PASS
	Sum	2407.5	-4.32	≤8.00	PASS
	Ant1	2437.5	-2.75	≤8.00	PASS
	Ant2	2437.5	-3.14	≤8.00	PASS
	Sum	2437.5	0.07	≤8.00	PASS
	Ant1	2467.5	-11.18	≤8.00	PASS
	Ant2	2467.5	-10.3	≤8.00	PASS
	Sum	2467.5	-7.71	≤8.00	PASS

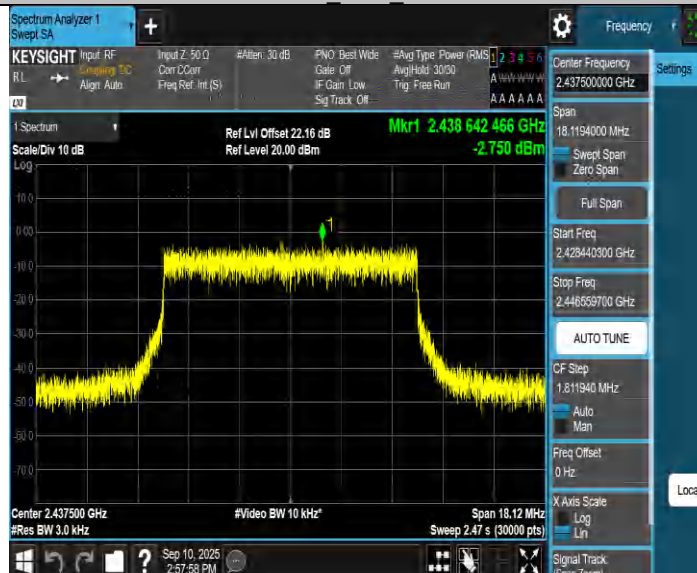
OTHER Ant1 2407.5



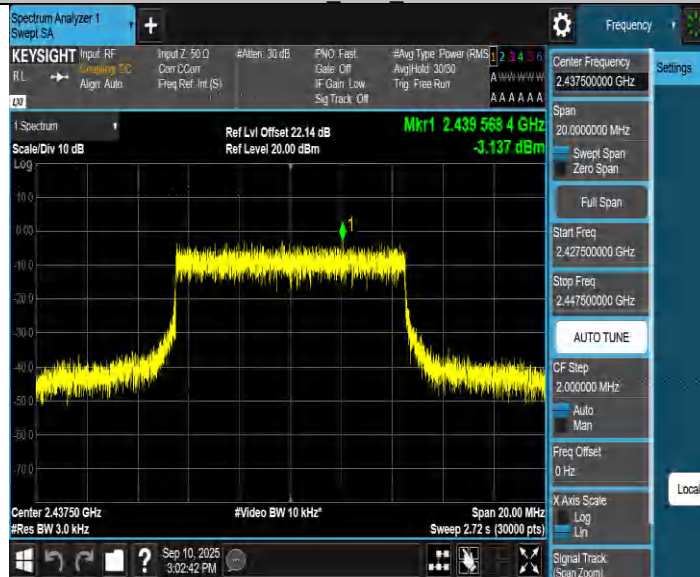
OTHER Ant2 2407.5



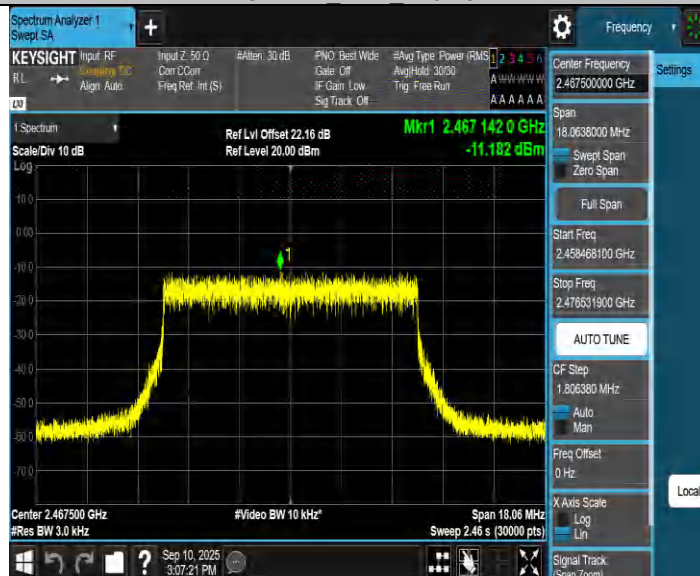
OTHER Ant1 2437.5



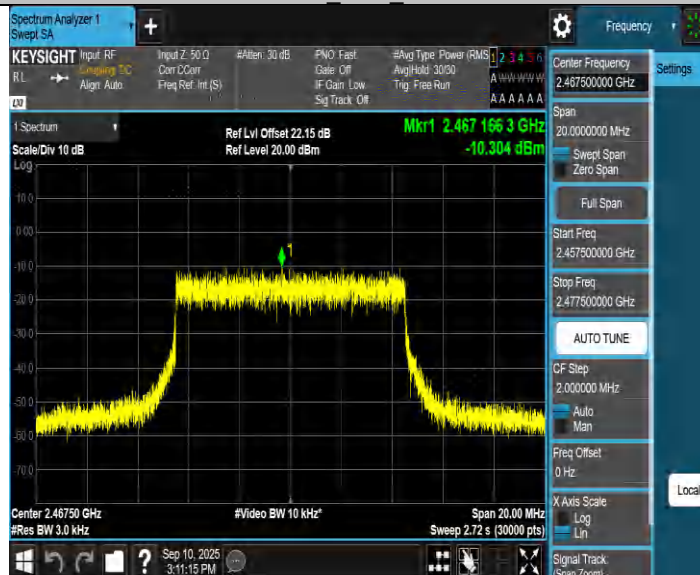
OTHER Ant2 2437.5



OTHER Ant1 2467.5



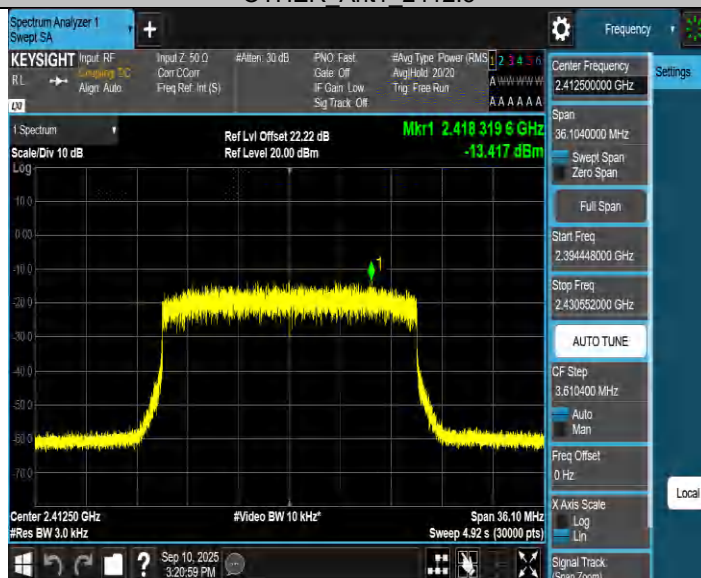
OTHER Ant2 2467.5



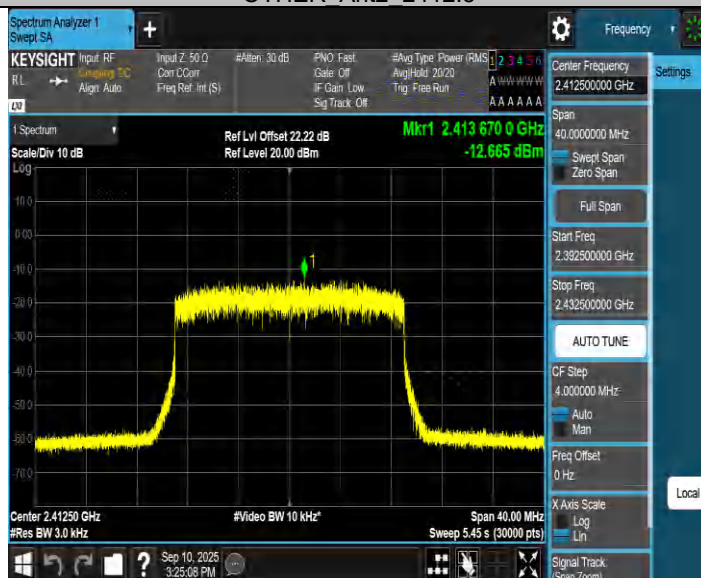
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
OTHER	Ant1	2412.5	-13.42	≤8.00	PASS
	Ant2	2412.5	-12.67	≤8.00	PASS
	Sum	2412.5	-10.02	≤8.00	PASS
	Ant1	2437.5	-5.97	≤8.00	PASS
	Ant2	2437.5	-5.46	≤8.00	PASS
	Sum	2437.5	-2.70	≤8.00	PASS
	Ant1	2462.5	-13.37	≤8.00	PASS
	Ant2	2462.5	-16.06	≤8.00	PASS
	Sum	2462.5	-11.50	≤8.00	PASS

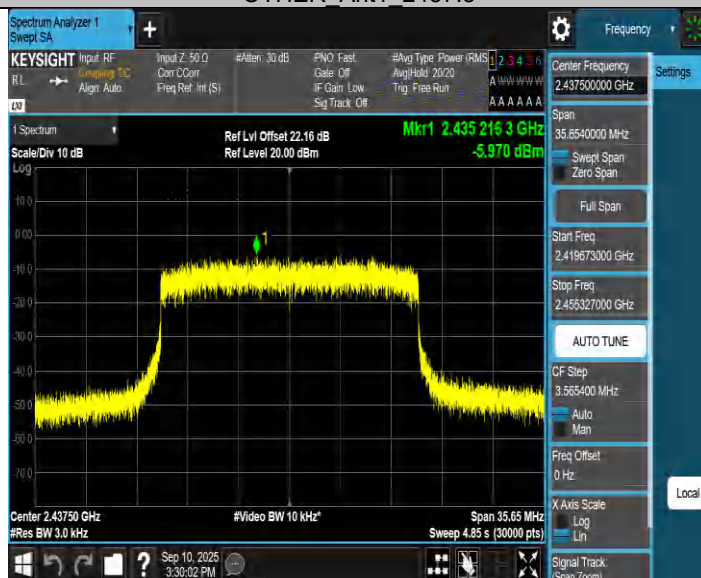
OTHER Ant1 2412.5



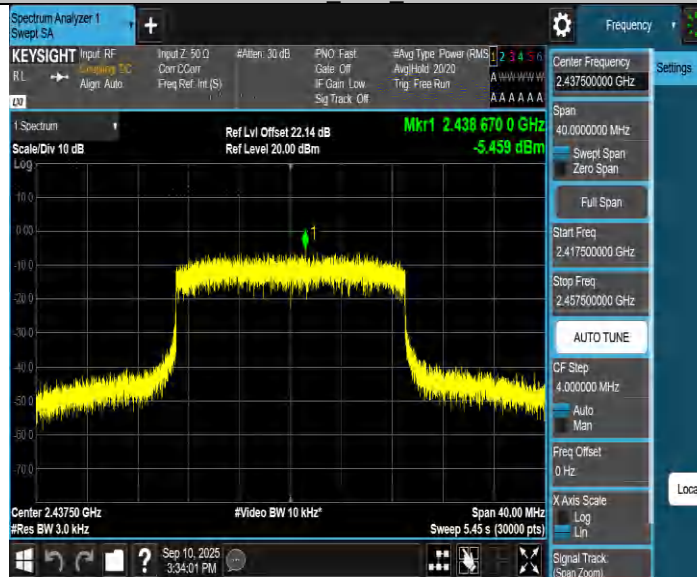
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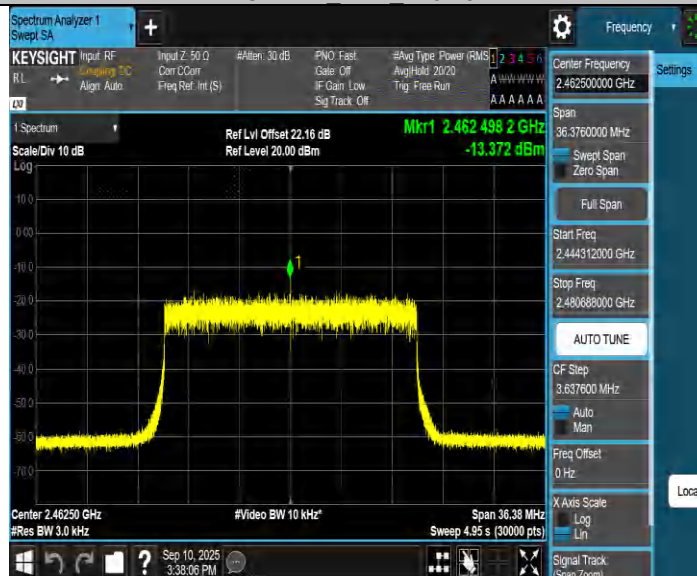
OTHER Ant1 2437.5



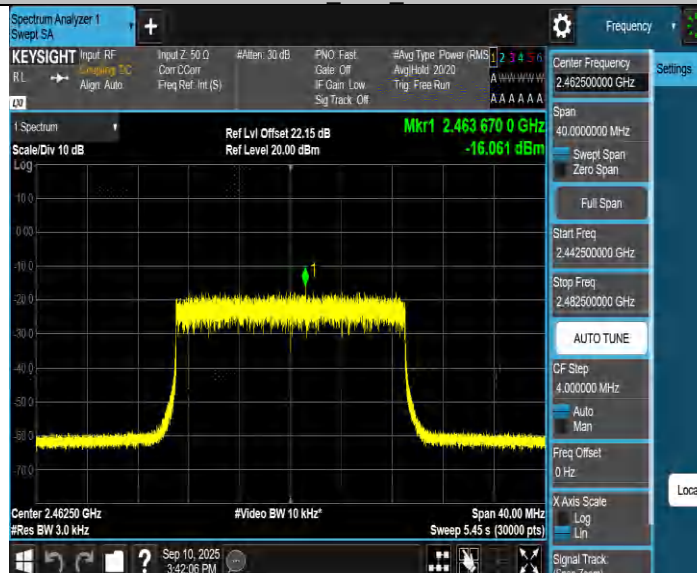
OTHER Ant2 2437.5



OTHER Ant1 2462.5



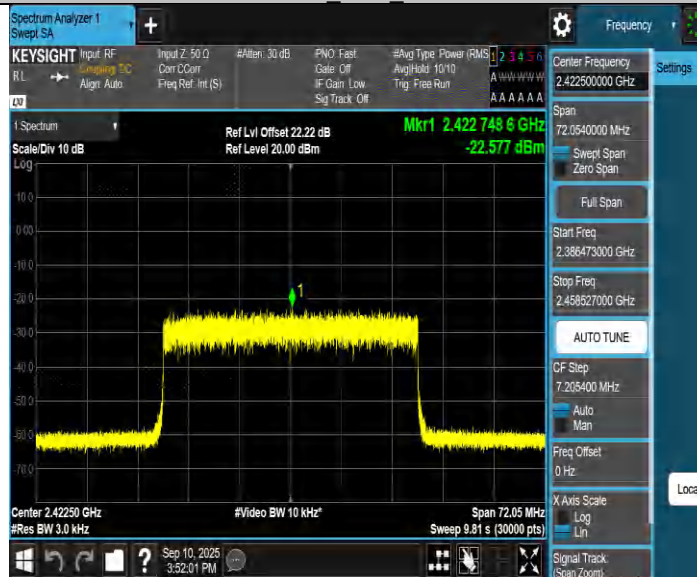
OTHER Ant2 2462.5



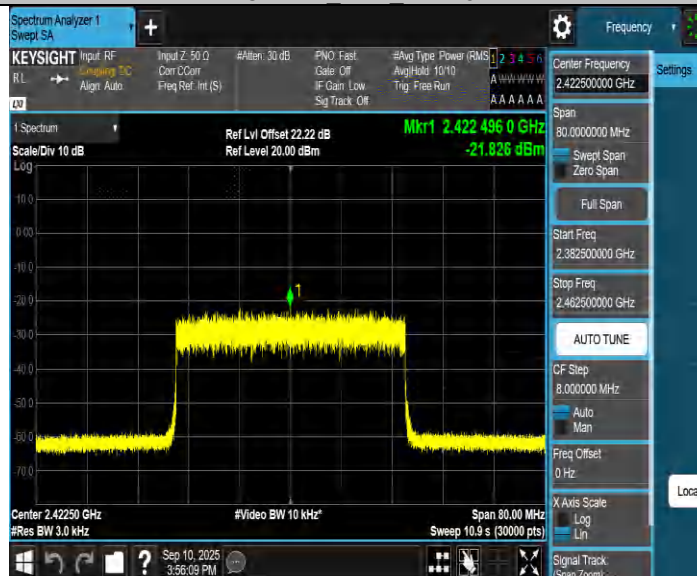
2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
OTHER	Ant1	2422.5	-22.58	≤8.00	PASS
	Ant2	2422.5	-21.83	≤8.00	PASS
	Sum	2422.5	-19.18	≤8.00	PASS
	Ant1	2437.5	-13.42	≤8.00	PASS
	Ant2	2437.5	-13.45	≤8.00	PASS
	Sum	2437.5	-10.42	≤8.00	PASS
	Ant1	2452.5	-17.88	≤8.00	PASS
	Ant2	2452.5	-22.92	≤8.00	PASS
	Sum	2452.5	-16.70	≤8.00	PASS

OTHER Ant1 2422.5



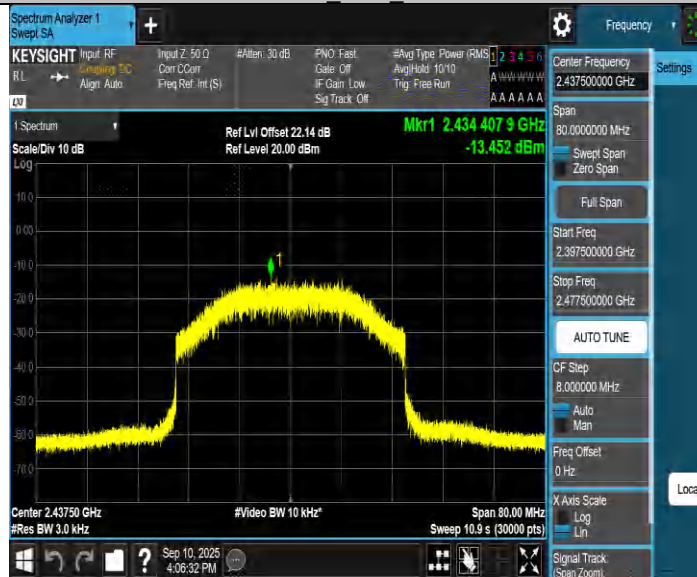
OTHER Ant2 2422.5



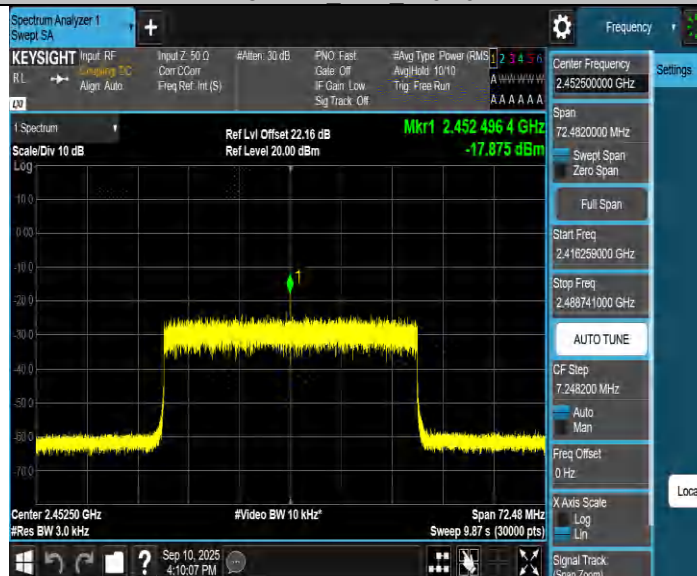
OTHER Ant1 2437.5



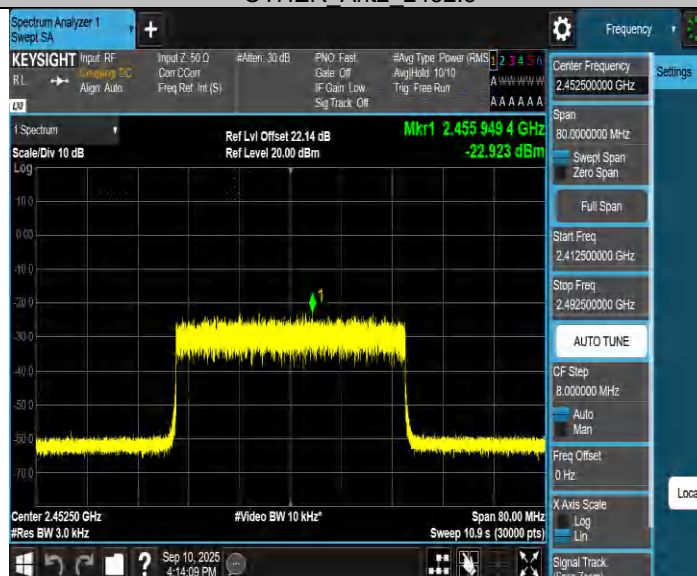
OTHER Ant2 2437.5



OTHER Ant1 2452.5



OTHER Ant2 2452.5



2.4GHz SDR, 60MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
OTHER	Ant1	2432.5	-16.38	≤8.00	PASS
	Ant2	2432.5	-23.45	≤8.00	PASS
	Sum	2432.5	-15.60	≤8.00	PASS
	Ant1	2437.5	-16.74	≤8.00	PASS
	Ant2	2437.5	-23.47	≤8.00	PASS
	Sum	2437.5	-15.90	≤8.00	PASS
	Ant1	2442.5	-15.01	≤8.00	PASS
	Ant2	2442.5	-23.64	≤8.00	PASS
	Sum	2442.5	-14.45	≤8.00	PASS